	BOQ for furbishing works for Central Bank of India, BO Deoband (SEMI URBA (Quoted rates shall be inclusive of all labour, material, scaffolding etc.)	-		-	
2	No Offsite pre fabrication shall be allowed in any case. All fabrication shall be done at the No Payment shall be made for any in completed or unsatisfactory work. The contractor should strictly follow the shop arawings/ specifications requirements of the contractor should strictly follow the shop arawings/ specifications requirements of the contractor should strictly follow the shop arawings/ specifications requirements of the contractor should be also be a	ne site after e вапк, Incl	getting	g the mater	a arawings in
	the Booklet. Any discrepancy between the drawings/ specifications and the specificatio <u>Architect</u> List of materials to be strictly as per the shop drawings/ specifications.	n below sh	ould be	e brought to	o the notice of
5	Cable managers to be provided in the tables and counters wherever required. All under frame wooden work should be properly treated with ant termite and waterproc	fina mator	ial		
7	All Locks in drawers and door sets etc. should be Godrej or equivalent brand as specified			Architect.	
9	All keyboards Trays & Drawers to be on Channel Sliding Mechanism. Etching to be provided as per Bank's design, specification and Architects instructions only	у.			
	Item Description FALSE CEILING WORK	Quantity	Unit	Rate	Amount
2	 PLAIN GYPBOARD FALSE CEILING WITH PAINTING : Providing and fixing suspended false ceiling consisting of 12.5mm thick Gypsum board (India Gypsum) suspended on GI framework. GI framework to consist of GI perimeter channels 0.55mm thick 20mm x 30mm along perimeter of false ceiling of ceiling, screw fixed to wall/partition with nylon sleeves and screws @ 600mm c/c. Suspending GI intermediate channels of size 0.9mm thick 45mm x 15mm from the soffit at max dist 1220mm c/c with ceiling angle 0.55mm thick 25mm x 10mm fixed to soffit using proprietary supplied GI cleats and steel expansion fasteners. Boards to be finished with proprietary supplied jointing tape and jointing compound and sand papered to achieve a smooth and seamless finish and 2 coats of primer along with coats of Acrylic paint suitable for Gypsum board up to Bank's Satisfaction .Rate quoted to include vertical all cut-outs required for light fixtures, smoke detectors and other services cut-outs complete as directed by Architect. Only Horizontal plan area will mesurered for payment purposes. GRID FALSE CEILING /Modular False ceiling :Providing and fixing suspended false ceiling consisting : approved make MODULAR CEILING Providing & Fixing false ceiling at all heights of 600x600 mm Armstrong mineral fibre ceiling tiles of type RH-90/95 laid on Armstrong prelude XL exposed grid systems with 9mm wide T-section flanges color white. The frame work comprises of main runner spaced at 1200 C/C hangers (GI wire) to be fixed by the approved roof plugs, screws 	628.00			
	etc. The last hanger at the end of each main runner should not be greater than 450 mm from the adjacent wall. Fitting 1200 long cross tees (with double stitching) to be interlocked between main runners at 600mm center from 1200x600mm modules. Cut cross T section longer than 600mm to be supported independently 600x600mm module to be formed by fittings 600mm long flush fitting cross tees centrally between the 1200mm cross tees. Perimeter trim to be Armstrong wall angle secured to walls at 450 mm maximum centres. TOTAL FOR FALSE CEILING WORKS (A)				
1	INTERIOR FURNISHING WORKS P/F SOLID PARTITIONS made out of Aluminium cross section / 2"x1 1/2" salwood section framework 2'-0" c/c both ways treated with ant termite solution, covered with 8 mm thk commercial BWR ply wood / partly glazed with approved shape & shade 1mm thk laminate/mica fixing on inside of panel with 1.5 mm thk grooves in panel as per the design with provision of the openings in the panel for switch boards, box and cuts in frame for carrying conduits if necessary and fixing 1.0 mm laminate on the outside face of shade and colour as per Bank's colur scheme given in the tender specification with 8 mm glass to be given in the design. The open edges are to be blocked by teak wood bead of required size and design. All provisions to be made for all electrical, networking boxes onto partition framework at required heights/levels with necessary additional supports as directed.	44.50	Sqft.		
	Providing and pasting frosted film (3M, Garware make) on glass work including Bank's logo as required & as directed by the Architect. Including providing of solid flush door made out of 35mm with both side laminate finish with necessary fitting with door closer provision . All material is of approved brand. Size of door 900 x2100 Doors-Providing and fixing single leaf solid core flush door 40mm thick factory made, finished on both sides with 1.0mm thick laminate of approved shade as indicated in drawing. Shutter to be lipped on all sides with 12mm thick teak wood beading. Applicable hardware's to be considered for following doors according to requirement as per detailed drawings including below mentioned hardware-Door closer,SS Ball bearing Hinges ,SS foot operated Door stopper,SS Mortise Latch Lock / concealed dead lock,SS Mortise Handle.				

Measurement shall be considered only up to False Ceiling Level only.			
2 Full/ Low height /glazed partition with 12 mm glass with polished edges.	193.50	Sqft.	
Sal wood frame of section 2.5''x1.5'' fixed in position with 2.5'' to 3'' long steel neetle			
a fold screw. The vertical and horizontal members being placed at 2' C/C as per site			
condition as directed Architect in charge.			

b	Panel for solid partition fixing 8 mm water proof plywood, ant termite, borer proof plywood of century, Duro make on both the sides of frame work with fevicol SH and headless nails of 17 no of 1.25'' length and securing the cover with 1.5'' long steel nettled fold screw. Making the plywood surface level before fixing the laminate/veneer.			
с	Imm the laminate/ mica fixing on inside of panel with 1.5 mm the Groove in the panel for switch borads, box and cuts in frame for carrying conduits if necessary, and fixing 1.0mm laminate on the outside faces of shade and colour as per CBI colur scheme given in the design. The open edge are to be blocked by teak wood bead of required size and design with 6 mm groove.			
d	Including below mentioned hardware-Door closer,SS Ball bearing Hinges ,SS foot operated Door stopper,SS Mortise Latch Lock / concealed dead lock,SS Mortise Handle.			
е	Providing and pasting frosted film (3M, Garware make) on glass work including Bank's logo as required & as directed by the Architect.			
3	P/F CEMENT BONDED PARTICLE BOARD PARTITIONS made out of Galvanised Aluminium cross section 2"x1 1/2" framework (with minimum thicknes of 1.6mm to 2mm) at 2'-0" c/c both ways, covered with 6 mm thk Cement Bonded Particle Board / partly glazed with approved shape. Finished with primer and 2 coats of paint as per Banks approved shade including making grooves as per design with provision of the openings in the panel for switch boards, box and cuts in frame for carrying conduits if necessary with 8 mm glass (if any) to be given in the design. All provisions to be made for all electrical, networking boxes onto partition framework at required heights/ levels with necessary additional supports as directed. Make: Bison make cement bonded particle board.		Sqft.	
4	Providing and fixing of Toughened glass doors with below fixtures of size 3'-6"x7'-0"mm	1.00	No's.	
	Door Lock			
	Door stopper			
	Floor Machine			
	Parch fitting			
	S.S. Handle 12" long			
5	Providing and fixing of fixed Toughened glass at Main entry upto 7' Height Only with all necessary hardware & fittings, complete in all respects.	35.00	Sqft.	
6	WALL PANELLING: Fabricating and fixing wall/column panelling to consist of 37.5mm x 50mm treated salwood framework or Aluminium Sections at spacing not exceeding 600mm both ways (horizontal and vertical). Panelling framework to be secured to wall surface/column surface. Panelling framework to be clad on one side with 8mm thick commercial ply finished with 1.0mm thk laminate including skirting of 100mm high & 12mm x 12mm groove at skirting level. AT GYPSUM CEILING BOTTOM LEVEL 25MM RED+75 MM BLUE BANK'S BRANDING PATTA IS TO BE PROVIDED ALL AROUND THE BANKING HALL AND AS PER INSTRCUTIONS OF ARCHITECT.		Sqft.	
7	P/F Decorative Wall/ wall panelling made of teak wood, artificial grass, plants, and LED concealed lights etc. as per design. Work shall be completed in all resppects and as per instructions of Project Architect. For BM Cabin Back Wall		Sqft.	
8	FILE STORAGE CABINETS: Providing and fixing the 1'-6" wide storage units. The storage units shall have shutters made in 19mm plywood and finished in laminate of approved shade including top. The storage units shall have intermediate shelves made in 19mm thick plywood with matching wood lipping. The storage shall have matching wood edge moulding as per the detail drawings. This also includes providing necessary hardware like handles, hinges, locks, tower bolts etc of approved make. All exposed wooden surfaces shall be stained to shade. (same for Over Head storage required above Pantry counter.)		Sqft.	
9	WRITING TABLE: Writing desk made of wood with glass top as per Design Size: 3'0"X1'0" minimum. Writing Ledge to have facility of pigeon holes beneath to place the pay in / pay-out slips etc.	1.00	No's.	
10	VERTICAL BLINDS -P/F Blinds made using 100% polyester with acrylic polymer coating.(only for external windows. In case of front facia necessary approval need to be obtained).	30.00	Sqft.	

11	CHEQUE DROP/ COMPLAINT BOX :(2'-0" x 18" High X 10" deep) Providing and fixing cheque drop/ Complaint box made out of 19mm thk. Commercial plywood grade I finished with 1mm thk. Laminate. Slit should be provided to drop cheques and opening provided with locking arrangement to remove cheques, complete in all respect.	 No's.	
	NOTICE BOARD: Providing and fixing notice board of 4'-0"X2'-6" size in ply board of 6mm fixed on a frame of 50 mm x 25 mm well seasoned wood polished and top fixed with bead. 12mm thk. Soft board cladded with fabric of matching colour and shade complete with all fixtures necessary as required.	No's.	

 WHITE BOARD: Providing and fixing WHITE board of 4-0"X2'-6" outer edges finish with a duminium anodized section. ARTIFICAL PLANTERS & PLANTER BOX: Providing & fixing of 1'-6" x 3'-0" planter box N8 high, made of 19mm thick ply board, with teak wood Gola of size 1½ "x ¼ " as pedesign, which is to be polished as per color scheme. The planter box shall be finished with mm thick laminate of approved shade / colour, complete as per Bank' approved brand/make. Inside of planters shall be painted with synthetic enamel pain as per color scheme. Planter box to be funished with white rounded pebbles & Artificial Bamboo Silk trees or Artificial Palm Trees of 3'-0" ht. (3 Nos. trees per plante box). DRESSING TABLE(Strong Room): Providing & supplying dressing table with mirror of size 1 15 0" x 5'-0" including sitting desk for locker room as per standard design of locker room , dwg. CENTRE TABLE: Providing Centre table of 30" diameter, with stainless steel base frame & 12mm glass of approved quality at top as per drawing approved by Bank. TABLES/COUNTERS Providing and placing in position tables with top, Vertical sides/ dividers, skirting and modesty panel made out of 19mm thk Premium board (Green/ Century) with 1mm thil aminate (as/ bank's shade approved by architect) on all exposed surfaces. It shall alst have 75mm x40mm teak wood runners below the top and for footrest below. Every, table shall provided with side unit (size -w-500mm, H-750mm approx.), consisting on 150mm deep drawer at top and a cabinet with pen able/ hinged shutter below. The facia of drawer and shutter of cabinet below shall be made out 19mm thick Premium Board (Green /Century) with 1mm thick laminate (as/shade approved by the Architect) and sides and bottom of drawer shall be made out 12mm thick heremium Board (Green /Century). The side unit shall have CAM locks, handles, guides, sliding units, hinges, magnetic catcher's etc. of approved make. The fac	0.00 r d s t r 0.00 v 0.00 v 0.00 v 0.00 v 0.00 v 0.00 v v 0.00 v v 0.00 v v 0.00 v v 0.00 v v 0.00 v v 0.00 v v 0.00 v v v 0.00 v v v v v v v v v v v v v) No's.) No's.) No's.		
 ARTIFICIAL PLANTERS & PLANTER BOX: Providing & fixing of 1'-6" x 3-0" planter box 18 high, made of 19mm thick ply board, with teak wood Gola of size 1/2" x 3-4" as peedesign, which is to be polished as per color scheme. The planter box shall be finished with 1mm thick laminate of approved shade / colour, complete as per Bank's approved brand/make. Inside of planters shall be pointed with synthetic enamel pain as per color scheme. Planter box to be furnished with white rounded pebbles & Artificial Bamboo Silk trees or Artificial Palm Trees of 3'-0" ht. (3 Nos. trees per plante box). DRESSING TABLE(Strong Room): Providing & supplying dressing table with mirror of size 1 0" x 5'-0" including sitting desk for locker room as per standard design of locker room , dwg. CENTRE TABLE: Providing Centre table of 30" diameter, with stainless steel base frame & 12mm glass of approved quality at top as per drawing approved by Bank. TABLES/COUNTERS Providing and placing in position tables with top. Vertical sides/ dividers, skirting and modesty panel made out of 19mm thk Premium board (Green/ Century) with 1mm thil laminate (as/ bank's shade approved by architect) on all exposed surfaces. It shall als have 75mm x40mm teak wood runners below the top and for footrest below. Every table shall provided with side unit (size w-500mm, H-750mm approx.), consisting o 150mm deep drawer and shutter of cabinet below shall be made out 19mm thick Premium Board (Green /Century). The side unit shall have CAM locks, handles, guides, sliding units, hinges, magnetic catcher's etc. of approved make. Every table shall be provided with a keyboard drawer unit shall have CAM locks, handles, guides, sliding units, hinges, magnetic catcher's etc., di approved make. Every table shall be provided with a form thick teak wood lipping. All teak wood surfaces shall be melamine plosited and other internal surfaces shall be provided with form thick teak wood lipping. All teak wood surfaces shall	r d s t c r 0.00 0.00 0.00 0.00 0.00 0.00 1.0 1.) No's.		
 15 0" x 5'-0" including sitting desk for locker room as per standard design of locker room / dwg. CENTRE TABLE: Providing Centre table of 30" diameter, with stainless steel base frame & 12mm glass of approved quality at top as per drawing approved by Bank. 17 TABLES/ COUNTERS Providing and placing in position tables with top, Vertical sides/ dividers, skirting and modesty panel made out of 19mm thk Premium board (Green/ Century) with 1mm thk laminate (as/ bank's shade approved by architect) on all exposed surfaces. It shall also have 75mm x40mm teak wood runners below the top and for footrest below. Every table shall provided with side unit (size- w-500mm, H-750mm approx.), consisting o 150mm deep drawer at top and a cabinet with open able/ hinged shutter below. The facia of drawer and shutter of cabinet below shall be made out 19mm thick Premium Board (Green /Century) with 1mm thick laminate (as/shade approved by the Architect) and sides and bottom of drawer shall be made out of 12mm thick Premium Board (Green /Century). The side unit shall have CAM locks, handles, guides, sliding units, hinges, magnetic catcher's etc. of approved make. Every table shall be provided with a keyboard drawer unit (size - W-550mm, H-100mm, D-300mm approx.) below. The table shall have 100mm deep fascia, below the top, in which keyboard drawer unit shall have 101 the made out 19mm thick water proof board with mm thick laminate (as/shade approved by the Architect) and sides and bottom of drawer shall be made out of 12mm Premium ply (Green /Century). The unit shall have CAM locks handles, guides, sliding units etc. of approved make. The job shall include for 6mm x 6mm grooves in between sides and open able drawer and hinged shutters. All the exposed edges of Premium Board (Green /Century) and ply shall be provided with 6mm thick teak wood/hard wood lipping. All teak wood surfaces shall be melamine polished and other internal surfaces shall be painted with two coats of synthetic ena	/ 0.00			
 16 12mm glass of approved quality at top as per drawing approved by Bank. 17 TABLES/ COUNTERS Providing and placing in position tables with top, Vertical sides/ dividers, skirting and modesty panel made out of 19mm thk Premium board (Green/ Century) with 1mm thk laminate (as/ bank's shade approved by architect) on all exposed surfaces. It shall also have 75mm x40mm teak wood runners below the top and for footrest below. Every table shall provided with side unit (size- w-500mm, H-750mm approx.), consisting on 150mm deep drawer at top and a cabinet with open able/ hinged shutter below. The facia of drawer and shutter of cabinet below shall be made out 19mm thick Premium Board (Green /Century) with 1mm thick laminate (as/shade approved by the Architect) and sides and bottom of drawer shall be made out of 12mm thick Premium Board (Green /Century). The side unit shall have CAM locks, handles, guides, sliding units, hinges, magnetic catcher's etc. of approved make. Every table shall be provided with a keyboard drawer unit (size - W-550mm, H-100mm, D-300mm approx.) below. The table shall have 100mm deep fascia, below the top, in which keyboard drawer unit shall be made out 19mm thick water proof board with Imm thick laminate (as/shade approved by the Architect) and sides and bottom of drawer shall be made out of 12mm Premium ply (Green /Century). The unit shall have CAM locks handles, guides, sliding units etc. of approved make. The job shall include for 6mm x 6mm grooves in between sides and open able drawer and hinged shutters. All the exposed edges of Premium Board (Green /Century) and ply shall be provided with 6mm thick teak wood/hard wood lipping. All teak wood surfaces shall be maleanine polished and other internal surfaces shall be painted with two coats of synthetic enamel over one coat of primer, all complete to the satisfactior of the Architect. Every table top shall be provided with 10mm thick float glass (as pe profile) with polished/ bevelled edges. 	1 2 4 5 7 6 7 7 7 8 1) No's.		
 Providing and placing in position tables with top, Vertical sides/ dividers, skirting and modesty panel made out of 19mm thk Premium board (Green/ Century) with 1mm the laminate (as/ bank's shade approved by architect) on all exposed surfaces. It shall also have 75mm x40mm teak wood runners below the top and for footrest below. Every table shall provided with side unit (size- w-500mm, H-750mm approx.), consisting o 150mm deep drawer at top and a cabinet with open able/ hinged shutter below. The facia of drawer and shutter of cabinet below shall be made out 19mm thick Premium Board (Green /Century) with 1mm thick laminate (as/shade approved by the Architect) and sides and bottom of drawer shall be made out of 12mm thick Premium Board (Green /Century). The side unit shall have CAM locks, handles, guides, sliding units, hinges, magnetic catcher's etc. of approved make. Every table shall be provided with a keyboard drawer unit (size - W-550mm, H-100mm, D-300mm approx.) below. The table shall have 100mm deep fascia, below the top, in which keyboard drawer unit shall be made out of 12mm Thick laminate (as/shade approved by the Architect) and sides approved by the Architect) and sides and bottom of drawer shall be made out of 12mm Thick have 100mm deep fascia, below the top, in which keyboard drawer unit shall be adjusted. It shall be made out 19mm thick water proof board with Imm thick laminate (as/shade approved by the Architect) and sides and bottom of drawer shall be made out of 12mm Premium ply (Green /Century). The unit shall have CAM locks handles, guides, sliding units etc. of approved make. The job shall include for 6mm x 6mm grooves in between sides and open able drawers and hinged shutters. All the exposed edges of Premium Board (Green /Century) and ply shall be provided with 6mm thick teak wood/hard wood lipping. All teak wood surfaces shall be provided with 6mm thick teak wood/hard wood lipping. All teak wood surfaces shall be provided with 10mm thick float glass (as pe profile)	< > / f - - - - - - - - - - - - -			
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Premium Board (Green /Century) with 1mm thick laminate (as/shade approved by the Architect) and sides and bottom of drawer shall be made out of 12mm thick Premium Board (Green /Century). The side unit shall have CAM locks, handles, guides, sliding units, hinges, magnetic catcher's etc. of approved make. Every table shall be provided with a keyboard drawer unit (size - W-550mm, H-100mm, D-300mm approx.) below. The table shall have 100mm deep fascia, below the top, in which keyboard drawer unit shall be adjusted. It shall be made out 19mm thick water proof board with Imm thick laminate (as/shade approved by the Architect) and sides and bottom of drawer shall be made out of 12mm Premium ply (Green /Century). The unit shall have CAM locks handles, guides, sliding units etc. of approved make.	e 1 1 2 4 4 4 4 7 7 7 7 7 7			
and hinged shutters. All the exposed edges of Premium Board (Green /Century) and ply shall be provided with 6mm thick teak wood/hard wood lipping. All teak wood surfaces shall be melamine polished and other internal surfaces shall be painted with two coats of synthetic enamel over one coat of primer, all complete to the satisfaction of the Architect. Every table top shall be provided with 10mm thick float glass (as pe profile) with polished/ bevelled edges.	k			
a BM Table of size 6'-0"x3'-0" & 2'6" high with Side credenza of size 4'0"x16" & 2'6" high	ı			
	1.00) No's.		
b Officer Table size 5'-0"x 2'-6" & 2'6" high with Side credenza of size 3'6"x16" & 2'6" high	0.00) No's.		
c Officer Table size 4'-6"x 2'-6" & 2'6" high with Side credenza of size 3'x16" & 2'6" high) No's.		
d SWO Table size 4'-6" x 2'-6" & 2'6" high) No's.		
 e Daftari size 3'x2'-0" & 2'-6" high CASH COUNTERS: Providing, Fabricating and supplying and fixing in position service/cash counter as per the plan made with 18mm,12mm and 6mm ply o approved make and quality with a counter top of 2.5' width at a height of 2.5'/3.5 from the floor, with a length of 5.0' or as per plan or directed/as per the site conditions and each unit shall be provided with credenza, drawers, keyboard, shuttered shelves etc. complete. All exposed surfaces to be fixed with 1.0mm thk. Laminate and inside faces like drawers,table,side table and back face shall be pasted with 0.7mm off white liner mica. The back side of the cabinet, side tables wherever visible shall have micc same as that of color scheme with all necessary handles, locks, night latch, hinges keyboard tray, CPU trolley, Foot rest, wire managers etc complete in all respects and full satisfaction to Bank/ Architect. 	n 5.50 f , s e a ,) No's.) Rft.		
 SERVER ROOM COUNTER: (without top glass) Laminate colour and shade as per the specification in the tender and lock handle of (Godrej, Dorset or equivalent). 			-	
	e 0.00) Rft.		

Providing and fixing of wooden partitions made out of 50mm x 40mm sal wood (with anti-termite) under framing for horizontal (at 0mm, 75mm, 750mm, 900mm, 1200mm, 2100mm and 2250mm and ceiling levels) & vertical (at 600mm c/c approx.) divisions or as per site conditions. It shall be covered with 6mm thick Premium Ply (Green/Century) with 1 mm thick laminate, (from 0mm to 1200mm and 2100mm to 2550 mm/ceiling levels) on both sides. The design shall have grooves (horizontal or vertical) at various levels, as suggested by the Architect.			
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	erection of partition shall include for expansion bolts cleats, clamps bolts, nuts, screws, rivets and other accessories, all complete up to the satisfaction of the Architect All door opening shall have rebated teak wood framework (size - 75mm x 50mm, as per profile)			
	an vertical (2 Nos.) and horizontal (1 No.) sides, with melamine finish and rebate of 40mm x 12mm, all complete up to the satisfaction of the Architect. it shall also Include for door shutters, as per required width and 2250 mm high. It shall be made out of			
	75mm x 25mm, kail/partal wood (with anti-termite) under framing for styles, top, middle and 100mm x 25mm for bottom rail. It shall be covered with 6mm thick Premium Ply (Green /Century) with 1mm thick laminate. (from 0mm to 900mm and other under			
	frames) in shade and pattern approved by the Architect, on both sides.			
	The design shall have teak wood beading as per profile with melamine finish Door shutters shall have teak wood edging size 40mm x 10mm, as per profile on all sides, with melamine finish. Each shutter shal have hinges floor spring/sliding arrangement/hydraulic door closer (heavy duty), mortise locks, etc. The rate shall			
	Include cost of all Immaterial. Iabour. T&P. wastage etc.required for proper work.			
19	GLASS BARRIER: for cash cabin 12MM NECESSARY) Including ETCHING work.	70.00	Sqft	
	Providing and fixing glass barrier (as per profile and design) in front of cash and ledger counter made out of 12mm thick polished edged float glass (Make - Modi guard or equivalent). It shall have 25mm x 20mm teakwood beading (as/shape approved by			
	the Architect) to held the glass from sides and top (optional). All teak wood surfaces shall be melamine polished. The rates shall include for cutting in geometrical shape) and polishing the edges, all complete to the satisfaction of the Architect.			
21	METER BOXING (Only front face to be measured for payment purpose)	42.50	Sqft	
	Manufacturing, supplying and fixing box type meter storage with overall depth of 1'6" and height as per the size of the metre. comprising of the following.			
	19mm block board hinged double shutter, height as size of the panel with all around			
	beadings 3/4" x ". powder coated handles, piano hinges, magnetic ball catches, lock, locking arrangement, tower bolts etc., all as per directions.			
	All visible surfaces to be fixed with 1.0mm thick lamination sheet with matching grains & grooves as per instructions.			
	All internal & rear surfaces to be painted with two coats of enamel paint over a coat of primer/putty as directed to get a smooth finish.			
22	Only front area will be measured for payment purpose. Panelling & shutter Boxing with A.C.P. (with Trap door)	0.00	Sqft	
	ACP Panelling & Rolling Shutter Box.	0.00	JUI	
	Frame Work-2" X 2" X 1.5 mm thick Aluminium Tubular section (Horizontal/Vertical) Jindal Make.			
	Aluminium Composite Panel-3.0mm thick of approved color with bonding material.			
	Signage including lighting MS square pipe of 1" x 1" - 18 gauge for framing with one coat of red oxide & 2 coats of oil paint to avoid rusting. 3" stainless steel Hinges at	0.00	Sqft	
22	every 2 on top and Alan key lock at bottom for easy maintenance of electrical. Powder coated 24 gauge GI sheets on all Top, bottom & sides. 26 gauge GI sheets at the back as per specification enclosed.			
	Timer: LDR based timer make Kakatia energy system or GE/L&T Make with 5 years			
	comprehensive warranty from manufacturer of the flex/ vinyl and substrate for Indian weather and dust conditions without any restrictive sub clauses. Copy of valid warranty to be provided to the bank.			
	VINYL FLOORING (Strong room): Providing and fixing of 2 mm thk. 2'x2' tiles/roll of	150.00	Sqft.	
23	approved make & color inclusive of 4" to 6" skirting. The adhesive must be applied only after proper cleaning/ washing of the surface on which the tiles/roll are to be fixed. The rate is inclusive of cleaning repairing the floor wherever required and removing the			
	spilled out adhesive, stains etc. on the surface. (In strong room/ locker room).			
	TOTAL FOR INTERIOR FURNISHING WORKS (B)			
	FICATION AND DATA CABELING WORKS			
С	WIRING AND CABELING			
	The makes for the metal which all the local time of the state of the s			
	The rates for the point wiring shall include providing and fixing of following: Wiring of the point of any length from distribution board to point outlet including circuit			

	Earthing of all switch box and all outlet boxes fitting, fans, 3rd pin of plug with 1.50mm copper wire.		
· · ·	Modular Switch/ Sockets of Standard make with necessary modular series cover plate and MS Boxes		
	Embedding all conduits in walls laying in slabs, above false ceiling or in floors including all accessories as required, cutting and refilling the chases with cement mortar .		

Providing, fixing Modular switches, sockets, M.S. boxes (1.6mm thick) draw b e Pull wires (where required), brass screws, ceiling rose/connector etc.	ooxes, G.I.			
Adopting separate and independent system of wiring for lighting, power (no essential supply). Wiring for following points using PVC insulted copper condu of 650V/1100V grade in MMS grade -PVC conduit concealed/ exposed switches & sockets as above.	ictor wires			
LIGHT :(Maximum three points to be looped from primary) g Maximum TWO points in one circuit)	POWER:(
INTERNAL WIRING				
1 POINT WIRING :				
Providing wiring (supply, fixing, testing and comm. etc) for light point / Expoint / Call bell point/6A Switch-socket point etc with 2x1.5+1X1.5 sq mm insulated copper conductor single core multi stranded wire in MMS grade-PVG with conduit accessories like bend , junction box etc in concealed/surface n per site requirement with suitable Modular Switches with plate and metal / ceiling rose , bulb holder etc including 1.5 sqmm PVC insulated copper earth complete as required. Wire colors : Red, Black, Green .Supplying, providi (supply, fixing, testing and comm. etc) for circuit with 2 x 1.5 + 1 x 1.5 sq mm insulated copper conductor single core multi stranded wire in MMS grade-PVG with conduit accessories like bend, junction box etc on surface / recessed m (Wiring from D.B. / Source to Board/destination) and making good all the or painting, cleaning the site etc complete as required as per site requirement directed.	FRLS PVC C conduit nanner as PVC box, n wire etc ng wiring FRLS PVC C conduit anner etc damages,			
a Providing and fixing Primary light point	33.0	00 No's.		
Providing and fixing Secondary light point (Maximum three points to be loo primary)		00 No's.		
Plug point /celling Rose Point (for wall fans/Exhaust fan)Supply, fix commissioning of 1 No 6A multi Socket with 1 No. 6A switch (Modular type) v plate, sheet steel box / PVC modular box etc on surface / concealed m electrical connections and making good all the damages, painting, cleanin etc. complete as required as per site requirement and as directed.	vith cover anner I/c	00 No's.		
d P&F Bell point i/c of buzzer	1.0	00 No's.		
e 6 AMP. POINTS ON SAME BOARD(Half point) :				
Supply, fixing, testing and commissioning of 1 No 6 A Multi Socket with 1No. 6 Modular type) with cover plate , sheet steel box / PVC modular box etc on concealed manner I/c electrical connections and making good all the o painting, cleaning the site etc complete as required as per site requirement directed.	surface / damages,	00 No's.		
f Ceiling fan point (rate should include electronic fan speed regulator)	1.0	00 No's.		
2 16 AMP. POWER POINTS:(including circuit wiring)				
Supply, fixing, testing and commissioning of 1 No 16 A switch & 1 No. six pin 6 Multi Socket (Modular Type) with cover plate, sheet steel box etc on concealed manner I/c electrical wiring with 2 X2.5 sqmm + 1 X 2.5 sqmm insulated copper conductor single core multi stranded wire in MMS grade-PVG with conduit accessories like bend, junction box etc on surface / recessed m (Wiring from D.B. / Source to Board to destination) and making good all the o painting, cleaning the site etc complete as required as per site requirement directed.	surface / FRLS PVC C conduit anner etc damages,	00 No's.		
3 AC POINTS :				
Supply, Installation, Testing and commissioning of the surface / recess distribution board with 20 A Metal plug and socket, with 20 A/25A/32A SP wiring with 2 X 4.0 sq mm + 1 X 4 sqmm PVC insulated copper conductor si multi stranded wire in MMS grade-PVC conduit with conduit accessories I junction box etc on surface / recessed manner etc (Wiring from D.B. / S Board/destination) and making good all the damages, painting, cleaning th complete as required as per site requirement and as directed.(MCB of C-C S.C Capacity 10 kA)	MCB Incl. ngle core ike bend, Source to ne site etc	00 No's.		
			I	

PANELS AND D.B.'s			
4(a) MAIN PANEL/VTPN(4 WAY) :(With following minimum capacity)			
Supply, installation, testing and commissioning of totally enclosed compartmentalized			
dust and vermin proof cubical segregated and modular in construction M.V. panel			
board wall mounted fabricated with14swg and 16swg ofCRCAM.S.sheet duly painted			
with two coat of metal red oxide and two coat of fire resistance paint at inside and out			
side of the panel, bus-bar chamber ,outgoing switchgear etc (all feeder unit Would be			
compartmentalized), color coded PVC sleeved vertical / horizontal busbar of required			
size of length, (bus-bar distances shall be minimum 32 mm) insulators, hardware,			
neoprene gasket , hinged door, interconnecting single core multi strand lugged			
copper wire having current density of 2A / sqmm of suitable capacity & size with lugs			
from busbar to switchgears / mccb / mcb or where ever required, two earthing			
terminal busbar of size 25 x 5 mm with nut & bolts at out side of the panel , rating and			
name plates for all incoming & outgoings , two eye two nos eye bolts, wire mesh jali for			
ventilation etc comprising with the followings.			
NOTE			
NOTE:-			
Sheet 16 swg : panel sides,upper,lower,andFt.doors			
Sheet 16 swg : back side and compartments.		1	ļ
Glandeplates : 3 mm thick.			
Cable entry : Provision at bottom and upper sides.			
Inside the panel : white colour paint.			
Outside the panel : Grey colourpaint.or as directed.			
INCOMER			
1 Nos 80 Amp MCCB, 25 KA- 4 Pole,C-curve			
1 Nos – 100 A TPN insulated Cupper Bus Bar			
Set of Indicator Lamps			
Set of Voltmeter + Ammeter+ Selector Switch			
OUTGOINGS			
3 Nos- 40 Amp,1 No-63 A TPMCB,C-curve			
100/125 amp CHANGEOVER	1.00	N La la	
		No's.	
(b) SFU TPN 80 A with HRC fuses(just after meter and prior to Main Panel)	1.00	No's.	
5 LIGHT DISTRIBUTION BOARD			
Supply, Installation, Testing and commissioning of the surface / recess mounting			
following way TPN MCB three phase distribution board for single phase outgoing with			
IP 42 protection , direct on wall incl. the followings accessories.			
INCOMER			
1 No. TPN-RCBO/ELMCB 40 Amp ,100 ma sensitivity			
OUTGOINGS			
6-8 Nos SPMCB 6/10/16 Amp,B-Curve			
SET AS ABOVE	1.00	No's.	
incl. Electrical connection ,earthing, making good all the damages, painting, cleaning	1.00	110 3.	
the site, etc complete as per site requirement and as directed.			
6 AC DISTRIBUTION BOARD			
Supply, Installation, Testing and commissioning of the surface / recess mounting			
following way MCB three phase distribution board for single phase outgoing with IP 42			
protection , direct on wall incl. the followings accessories.			
INCOMER			
1 No. TPMCB 63Amp ,C-curve			
OUTGOINGS			
8 Nos SPMCB 25/32 Amp,C-curve			
SET AS ABOVE	1.00	No's.	
incl. Electrical connection ,earthing, making good all the damages, painting, cleaning			
the site, etc complete as per site requirement and as directed.			
SUBHEAD IV : UPS WIRING			
7 U.P.S. DISTRIBUTION BOARD (INCOMER)			<u> </u>
Supply, Installation, Testing and commissioning of the surface / recess mounting			
following way Double door MCB D.B Single phase distribution board (Consumer unit)			
for single phase out going with IP 42 protection incl. the followings accessories – incl.			
Electrical connection ,earthing, making good all the damages, painting, cleaning the			
site, etc complete as per site requirement and as directed.			
a INCOMER			
a INCOMER 1 NOS 40 A DP MCB			

OUTGOINGS			
2 Nos- 40 Amp DP MCB			
SET AS ABOVE	1.00	No's.	
b UPS DIST. BOARD OUTGOINGS.			
1 NOS 12 WAY SPN DIST BOARD			
1 Nos- 40 Amp DPMCB			
6-8 NOS 6/10 AMP SPMCB			
SET AS ABOVE	1.00	No's.	

8 SPECIAL POINTS: (UPS) any length (TO WORKSTATIONS)			
Supply, fixing, testing and commissioning of following Modular type switch socket with			
cover plate , sheet steel box etc on surface / concealed manner I/c electrical wiring			
with 2 X 2.5 sq mm + 1 X 2.5 sq mm FRLS PVC insulated copper conductor single core			
multi stranded wire in rigid MMS grade PVC conduit with conduit accessories like bend,			
junction box etc on surface / recessed manner etc (Wiring from D.B. / Source to			
Board/destination) and making good all the damages, painting, cleaning the site etc			
complete as required as per site requirement and as directed.			
1 Nos. 16 A Switch + 3 Nos. 6 A, 5 pin Socket.	11.00	No's	
9 EARTHING			
Preparation of the Earth station : (as per I.S. 3043)			
Excavation of rocky earth, soft murrum, hard murrum etc and back filling with black			
i). cotton soil for the earth station, the earth pit size is 1000 mm X 1000 mm X 2500 mm			
deep. ii). S/F of Copper plate of size 600 X 600 X 3.00 mm			
iii) Supply & fixing 25 mm X 5 mm , 3 mtrs copper strip from copper plate to earth terminal including brazing/welding at plate etc.			
Supplying and laying in position 15 mm,2 mtrs G.I. B class perforated pipe for watering.			
,			
v) S/F of one set of reducer / funnel with mesh .vi) S/F of the following in the earth station.			
vii) 75 Kg. Charcoal.			
viii) 50 Kg. Original Salt.			
Construction of earth pit chamber incl necessary brick work, concrete , plastering, S/F	0.00	No's.	
a of C.I. cover of size 12" X 12" complete as per site requirement with watering	2.00	INO S.	
arrangement etc complete.			
Supplying and laying 25 X 3 mm copper strip direct on wall/ in ground with screws and	1.00	No's.	
b washer including soldering / welding etc if required	1.00	INO S.	
Supply and laying of 6.0 sqmm PVC insulated copper wire from earth station to main	85.00	Mtr	
c panel board in 20 mm GI Pipe including all materials, accessories etc complete.			
CABLING :			
10 LT.CABLES :			
Supply, laying , testing and commissioning of the following 1100 volt grade pvc insulated			
Al / Cu, Conductor armored cable inner and outer sheathed along with the two run of			
Al / Cu. Conductor armored cable inner and outer sheathed, along with the two run of			
Al / Cu. Conductor armored cable inner and outer sheathed , along with the two run of G.I.earth wire i/c termination with brass gland and Al. lugs etc. complete as required.			
G.I.earth wire i/c termination with brass gland and Al. lugs etc. complete as required. On surface :			
G.I.earth wire i/c termination with brass gland and Al. lugs etc. complete as required. On surface : S/Fixing the cable on wall / column / beam / ceiling / above false ceiling / existing			
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G.I.earth wire i/c termination with brass gland and Al. lugs etc. complete as required. On surface : S/Fixing the cable on wall / column / beam / ceiling / above false ceiling / existing trench etc incl. s/f of of saddles / spacers (wherever required as per site conditions) and two run of G.I. earth wire along with the cable. Making good all the damages.			
G.I.earth wire i/c termination with brass gland and Al. lugs etc. complete as required. On surface : S/Fixing the cable on wall / column / beam / ceiling / above false ceiling / existing trench etc incl. s/f of of saddles / spacers (wherever required as per site conditions) and two run of G.I. earth wire along with the cable. Making good all the damages. 4 C x 10.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for Electric room	55.00	Mtr	
 G.I.earth wire i/c termination with brass gland and Al. lugs etc. complete as required. On surface : S/Fixing the cable on wall / column / beam / ceiling / above false ceiling / existing trench etc incl. s/f of of saddles / spacers (wherever required as per site conditions) and two run of G.I. earth wire along with the cable. Making good all the damages. a 4 C x 10.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for Electric room /Ups room. 3.5 C X 35 samm. Al. Armored .(with 10 SWG 2 Nos. G.I. wire) from electric pole to 			
G.I.earth wire i/c termination with brass gland and Al. lugs etc. complete as required. On surface : S/Fixing the cable on wall / column / beam / ceiling / above false ceiling / existing trench etc incl. s/f of of saddles / spacers (wherever required as per site conditions) and two run of G.I. earth wire along with the cable. Making good all the damages. 4 C x 10.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for Electric room	55.00		
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 G.I.earth wire i/c termination with brass gland and Al. lugs etc. complete as required. On surface : S/Fixing the cable on wall / column / beam / ceiling / above false ceiling / existing trench etc incl. s/f of of saddles / spacers (wherever required as per site conditions) and two run of G.I. earth wire along with the cable. Making good all the damages. 4 C x 10.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for Electric room /Ups room. 3.5 C X 35 sqmm. Al. Armored .(with 10 SWG 2 Nos. G.I. wire) from electric pole to METER ROOM. E-DG Set Supply 	75.00	Mtr	
 G.I.earth wire i/c termination with brass gland and Al. lugs etc. complete as required. On surface : S/Fixing the cable on wall / column / beam / ceiling / above false ceiling / existing trench etc incl. s/f of of saddles / spacers (wherever required as per site conditions) and two run of G.I. earth wire along with the cable. Making good all the damages. 4 C x 10.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for Electric room /Ups room. 3.5 C X 35 sqmm. Al. Armored .(with 10 SWG 2 Nos. G.I. wire) from electric pole to METER ROOM. E-DG Set Supply S/laying of 3.50 x 25sq.mm XLPE insulated armored Copper Conductor cable trom 		Mtr	
 G.I.earth wire i/c termination with brass gland and Al. lugs etc. complete as required. On surface : S/Fixing the cable on wall / column / beam / ceiling / above false ceiling / existing trench etc incl. s/f of of saddles / spacers (wherever required as per site conditions) and two run of G.I. earth wire along with the cable. Making good all the damages. 4 C x 10.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for Electric room /Ups room. 3.5 C X 35 sqmm. Al. Armored .(with 10 SWG 2 Nos. G.I. wire) from electric pole to METER ROOM. E-DG Set Supply S/laying of 3.50 x 25sq.mm XLPE insulated armored Copper Conductor cable trom proposed DG set to Changeover switch including its connections at both ends with 	75.00	Mtr	
 G.I.earth wire i/c termination with brass gland and Al. lugs etc. complete as required. On surface : S/Fixing the cable on wall / column / beam / ceiling / above false ceiling / existing trench etc incl. s/f of of saddles / spacers (wherever required as per site conditions) and two run of G.I. earth wire along with the cable. Making good all the damages. 4 C x 10.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for Electric room /Ups room. 3.5 C X 35 sqmm. Al. Armored .(with 10 SWG 2 Nos. G.I. wire) from electric pole to METER ROOM. E-DG Set Supply S/laying of 3.50 x 25sq.mm XLPE insulated armored Copper Conductor cable trom proposed DG set to Changeover switch including its connections at both ends with lugs to be laid in 25mm dia rigid PVC flexible conduit. 	75.00 65.00	Mtr Mtr	
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 G.I.earth wire i/c termination with brass gland and Al. lugs etc. complete as required. On surface : S/Fixing the cable on wall / column / beam / ceiling / above false ceiling / existing trench etc incl. s/f of of saddles / spacers (wherever required as per site conditions) and two run of G.I. earth wire along with the cable. Making good all the damages. 4 C x 10.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for Electric room /Ups room. 3.5 C X 35 sqmm. Al. Armored .(with 10 SWG 2 Nos. G.I. wire) from electric pole to METER ROOM. E-DG Set Supply S/laying of 3.50 x 25sq.mm XLPE insulated armored Copper Conductor cable trom proposed DG set to Changeover switch including its connections at both ends with lugs to be laid in 25mm dia rigid PVC flexible conduit. 100/125 amps change over switch of Havels make TELEPHONE WIRING / CABLING SYSTEM. 	75.00 65.00	Mtr Mtr	
 G.I.earth wire i/c termination with brass gland and Al. lugs etc. complete as required. On surface : S/Fixing the cable on wall / column / beam / ceiling / above false ceiling / existing trench etc incl. s/f of of saddles / spacers (wherever required as per site conditions) and two run of G.I. earth wire along with the cable. Making good all the damages. 4 C x 10.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for Electric room /Ups room. 3.5 C X 35 sqmm. Al. Armored .(with 10 SWG 2 Nos. G.I. wire) from electric pole to METER ROOM. E-DG Set Supply S/laying of 3.50 x 25sq.mm XLPE insulated armored Copper Conductor cable from proposed DG set to Changeover switch including its connections at both ends with lugs to be laid in 25mm dia rigid PVC flexible conduit. 100/125 amps change over switch of Havels make TELEPHONE WIRING / CABLING SYSTEM. 	75.00 65.00	Mtr Mtr	
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 G.I.earth wire i/c termination with brass gland and AI. lugs etc. complete as required. On surface : S/Fixing the cable on wall / column / beam / ceiling / above false ceiling / existing trench etc incl. s/f of of saddles / spacers (wherever required as per site conditions) and two run of G.I. earth wire along with the cable. Making good all the damages. a 4 C x 10.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for Electric room /Ups room. B.5 C X 35 sqmm. AI. Armored .(with 10 SWG 2 Nos. G.I. wire) from electric pole to METER ROOM. E-DG Set Supply S/laying of 3.50 x 25sq.mm XLPE insulated armored Copper Conductor cable trom proposed DG set to Changeover switch including its connections at both ends with lugs to be laid in 25mm dia rigid PVC flexible conduit. 100/125 amps change over switch of Havels make TELEPHONE WIRING / CABLING SYSTEM. TELEPHONE WIRING / CABLING SYSTEM. 	75.00 65.00	Mtr Mtr	
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 G.I.earth wire i/c termination with brass gland and AI. lugs etc. complete as required. On surface : S/Fixing the cable on wall / column / beam / ceiling / above false ceiling / existing trench etc incl. s/f of of saddles / spacers (wherever required as per site conditions) and two run of G.I. earth wire along with the cable. Making good all the damages. a 4 C x 10.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for Electric room /Ups room. B.5 C X 35 sqmm. AI. Armored .(with 10 SWG 2 Nos. G.I. wire) from electric pole to METER ROOM. E-DG Set Supply S/laying of 3.50 x 25sq.mm XLPE insulated armored Copper Conductor cable trom proposed DG set to Changeover switch including its connections at both ends with lugs to be laid in 25mm dia rigid PVC flexible conduit. 100/125 amps change over switch of Havels make TELEPHONE WIRING / CABLING SYSTEM. TELEPHONE WIRING / CABLING SYSTEM. 	75.00 65.00	Mtr Mtr	
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 G.I.earth wire i/c termination with brass gland and Al. lugs etc. complete as required. On surface : S/Fixing the cable on wall / column / beam / ceiling / above false ceiling / existing trench etc incl. s/f of of saddles / spacers (wherever required as per site conditions) and two run of G.I. earth wire along with the cable. Making good all the damages. 4 C x 10.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for Electric room /Ups room. 3.5 C X 35 sqmm. Al. Armored .(with 10 SWG 2 Nos. G.I. wire) from electric pole to METER ROOM. E-DG Set Supply S/laying of 3.50 x 25sq.mm XLPE insulated armored Copper Conductor cable trom proposed DG set to Changeover switch including its connections at both ends with lugs to be laid in 25mm dia rigid PVC flexible conduit. 100/125 amps change over switch of Havels make TELEPHONE WIRING / CABLING SYSTEM. TELEPHONE POINT : Supplying, Installation, testing and commissioning of the telephone point with the followings- Two pair, 0.61 mm dia. telephone cable tinned copper conductor, P.V.C. insulated and i, sheathed , fire retarding, anti termite, color coded twisted pairs and rip cord. 	75.00 65.00	Mtr Mtr	
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 G.I.earth wire i/c termination with brass gland and Al. lugs etc. complete as required. On surface : S/Fixing the cable on wall / column / beam / ceiling / above false ceiling / existing trench etc incl. s/f of of saddles / spacers (wherever required as per site conditions) and two run of G.I. earth wire along with the cable. Making good all the damages. 4 C x 10.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for Electric room /Ups room. 3.5 C X 35 sqmm. Al. Armored .(with 10 SWG 2 Nos. G.I. wire) from electric pole to METER ROOM. II E-DG Set Supply S/laying of 3.50 x 25sq.mm XLPE insulated armored Copper Conductor cable from proposed DG set to Changeover switch including its connections at both ends with lugs to be laid in 25mm dia rigid PVC flexible conduit. 12 100/125 amps change over switch of Havels make TELEPHONE WIRING / CABLING SYSTEM. 13 TELEPHONE POINT : Supplying, Installation, testing and commissioning of the telephone point with the followings - Two pair, 0.61 mm dia. telephone cable tinned copper conductor, P.V.C. insulated and i). sheathed , fire retarding, anti termite, color coded twisted pairs and rip cord. HMS Pvc pipe on beam /column / wall / floor etc with all necessary materials i/c ii). connections, identification by numbering etc complete as required as per I.T.D. 	75.00	Mtr Mtr	
 G.I.earth wire i/c termination with brass gland and AI. lugs etc. complete as required. On surface : S/Fixing the cable on wall / column / beam / ceiling / above false ceiling / existing trench etc incl. s/f of of saddles / spacers (wherever required as per site conditions) and two run of G.I. earth wire along with the cable. Making good all the damages. 4 C x 10.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for Electric room /Ups room. b 3.5 C X 35 sqmm. AI. Armored .(with 10 SWG 2 Nos. G.I. wire) from electric pole to METER ROOM. E-DG Set Supply S/laying of 3.50 x 25sq.mm XLPE insulated armored Copper Conductor cable from proposed DG set to Changeover switch including its connections at both ends with lugs to be laid in 25mm dia rigid PVC flexible conduit. 12 100/125 amps change over switch of Havels make TELEPHONE WIRING / CABLING SYSTEM. 13 TELEPHONE POINT : Supplying, Installation, testing and commissioning of the telephone point with the followings - Two pair, 0.61 mm dia. telephone cable tinned copper conductor, P.V.C. insulated and i]. sheathed , fire retarding, anti termite, color coded twisted pairs and rip cord. HMS Pvc pipe on beam /column / wall / floor etc with all necessary materials i/c ii). connections, identification by numbering etc complete as required as per I.T.D. specification. 	75.00	Mtr Mtr No's.	
 G.I.earth wire i/c termination with brass gland and Al. lugs etc. complete as required. On surface : S/Fixing the cable on wall / column / beam / ceiling / above false ceiling / existing trench etc incl. s/f of of saddles / spacers (wherever required as per site conditions) and two run of G.I. earth wire along with the cable. Making good all the damages. a 4 C x 10.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for Electric room /Ups room. b 3.5 C X 35 sqmm. Al. Armored .(with 10 SWG 2 Nos. G.I. wire) from electric pole to METER ROOM. 11 E-DG Set Supply S/laying of 3.50 x 25sq.mm XLPE insulated armored Copper Conductor cable from proposed DG set to Changeover switch including its connections at both ends with lugs to be laid in 25mm dia rigid PVC flexible conduit. 12 100/125 amps change over switch of Havels make TELEPHONE WIRING / CABLING SYSTEM. 13 TELEPHONE POINT : Supplying, Installation, testing and commissioning of the telephone point with the followings - Two pair, 0.61 mm dia. telephone cable tinned copper conductor, P.V.C. insulated and i). sheathed , fire retarding, anti termite, color coded twisted pairs and rip cord. HMS Pvc pipe on beam /column / wall / floor etc with all necessary materials i/c ii). connections, identification by numbering etc complete as required as per I.T.D. specification. 	75.00 65.00 1.00	Mtr Mtr No's.	

С	Providing and fixing 10 pair KRONE make telephone tag block with 10 pair module with termination and crimping complete and making good the surface as required/ directed.		No's.	
()	Providing and fixing 10 pair armored tinned copper telephone cable in 32 mm PVC conduit from telephone utility junction box.	95.00	Mtr.	

14	COMPUTER CABLING SYSTEM.			
1 (I)	Supplying, Installation, testing and commissioning of the Computer point with the followings -			
	Four pair STP CAT 6 LAN cable tinned copper conductor, P.V.C. insulated and sheathed , fire retarding, anti termite, color coded twisted pairs and rip cord. (from server room switch to I/O outlet)			
iii)	HMS Pvc Pipe on beam /column / wall / floor etc with all necessary materials i/c connections, identification by numbering etc complete as required as per At & T specification.			
a	Single outlet with shutter modular type I / O's Outlets (RJ – 45) with suitable size PVC modular boxes complete as required. (including 2 for ATM)	11.00	No's.	
b	complete with connectors and bools on boilt sides. Two Meter length	9.00	No's.	
с	thick PVC Conduit / Floor tuking.(Rate Only)	0.00	Mtrs.	
	Supplying and fixing			
	9U/12U Rack 3 side open		No's.	
	Patch cord cat6 1 metre B/Y Color	11.00	No's.	
15	ELECTRICAL FITTINGS/ FIXTURES			
1	Supply, fixing, testing and commissioning of Recess mounted decorative luminaire with LED FIXTURES with class I electrical safety, complete as required Fitting Dimensions :			
a	CRI>80,PF>0.9		No's.	
b	165mm,CRI>80,PF>0.9		No's.	
С	1 x (32-36) watt LED Light batten with fitting wall mounted		No's.	
d	S/F of suspended/ surface mounted/ ceiling/ wall mounted 1200 mm long, 32-36 watt with 3600 lumen metal batten LED Tube lights complete in all respects and as per specification e.g. Crompton/ Philips/ Panasonic/ Syska make.	6.00	No's.	
е	Syska make.	2.00	No's.	
	WALL BRACKET FAN			
a	Supply and fixing of the following fans Wall bracket fan white (400mm blade size) CEILING FAN	13.00	No's.	
h	Supply and fixing of CEILING FAN 1200 MM Sweep	1.00	No's	
d	EXHAUST FAN:	1.00	No's.	
с	Supply and fixing of the following single phase Exhaust Fan continuously rated, capacitor start and run type, totally enclosed and ruggedly built, pre lubricated double ball bearing, copper wounded, A & E class insulation, dynamically balanced, below 40 db sound level etc. Supplying & fixing of 300 dia Exhaust fans.	3.00	No's.	
	TOTAL FOR ELECTRICAL AND DATA CABELING WORKS (C)			
D				
	Supplying & Laying extra suitable Copper refrigerant piping with all required material.	115.00	NAtro	
	Supplying & Laying extra suitable PVC Drain piping with all required material.			
		85.00		
	Supplying & Fixing suitable MS Stand for 1.5 tr/2 tr AC outdoor	0.00	No's.	
4	Supplying & Laying of power cable from indoor to outdoor suitable for 1.5 tr /2 tr	129.00	Mtrs.	
	TOTAL FOR LOW SIDE AIR-CONDITIONING WORKS (F)			
	GRAND TOTAL AMOUNT FOR WORKS (A+B+C+D)			
1				

Note: All quotated rates are excluding the GST.